

CHEMICAL CORPS
CHEMICAL AND RADIOLOGICAL LABORATORIES
Army Chemical Center
Maryland

SYMPOSIUM VII

INCENDIARY GELS AND THEIR INSTRUMENTATION

All technical sessions held in Post Theatre

Monday, 27 June 1955

INTRODUCTIONS	9:30 AM
1. Survey of Instrumentation of Incendiary Gels L. Finkelstein, Cml C Chemical and Radiological Laboratories, Army Chemical Center, Md.	9:45 AM
2. The Application of the McKee Consistometer to Incendiary Gels A. B. Bestul, Division of Heat & Power, National Bureau of Standards, Washington, D. C.	10:15 AM
3. Viscoelasticity of Aluminum Soap Gels W. Philippoff, The Franklin Institute, Philadelphia, Pennsylvania	10:45 AM
4. Flow Properties of Aluminum Soap Gels W. H. Bauer, Rensselaer Polytechnic Institute, Troy, New York	11:15 AM
<u>LUNCH</u>	
5. Theory of Non-Newtonian Flow as Applied to Napalm Gels Henry Eyring, University of Utah, Salt Lake City, Utah	2:00 PM
6. Viscoelasticity of Rubber A. V. Tobolsky, Princeton University, Princeton, New Jersey	2:30 PM
7. Stress Relaxation of Rubber-like Material H. Leaderman, National Bureau of Standards, Washington, D. C.	3:00 PM

Incl 1 *P. Meek*

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Tuesday, 28 June 1955

1. Dynamic Bulk Modulus of Rubber-like Materials 9:30 AM
R. S. Marvin, Rubber Section, National Bureau
of Standards, Washington, D. C.
2. Viscosity of Carboxymethyl Cellulose Solutions 10:00 AM
J. H. Elliott and E. H. DeButts, Hercules
Experiment Station, Wilmington, Delaware
3. Rheology of Vinyl Dispersions 10:30 AM
E. T. Severs, Mellon Institute, Pittsburgh,
Pennsylvania
4. Degradation of Polymers 11:00 AM
L. A. Wall, National Bureau of Standards,
Washington, D. C.

LUNCH

5. Evaluation of Synthetic Latices 2:00 PM
L. H. Howland, United States Rubber Company,
Naugatuck, Connecticut
6. Theory of Flame Thrower Jet Stability 2:30 PM
M. Mooney, United States Rubber Company
General Laboratories, Passaic, New Jersey
7. Stability Conditions for a Fluid Jet 3:00 PM
P. Debye, Cornell University, Ithaca, New
York

Commanding Officer
 Cml C Chemical and Radiological Laboratories
 Army Chemical Center, Maryland
 ATTN: Chairman, Symposium VII

will
 I will not accept the invitation to attend
 Symposium VII.

Yes No

1. I am an American citizen. _____
2. Accommodations in Army Barracks at Army Chemical Center requested. _____
3. Accommodations in Baltimore hotel will be obtained personally. _____
4. Attendance at buffet dinner on evening of 27 June (cost about \$3.00 including cocktails). _____
5. Travel expenses will be charged to a Government contract with _____ Give name of Govt. Organization
6. Travel expenses provided by my employer _____ Give name of Employer
7. Government orders to travel as a consultant or member of an advisory committee will be obtained from. _____ Give name of Govt. Organization
8. Method of travel (train schedules will be supplied early in May to all participants). _____ Train Auto
 Cross out one
9. I am affiliated with _____ Name of Company

Name _____ Address _____
 (Please print or type) (Please print or type)

Signature _____

Please reply before MAY 20 1955
 Incl 2 (to back)

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3	TSS -		24 May
4	Dir. of Training XO/TR	<i>MJM</i> <i>XO/DIR</i>	25 May
5			
FROM	I	INITIALS	DATE
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2			
3			

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Remarks: Of no interest to Operations School.
Suggest it be forwarded to Chemical
Division/TSS.

4 - No interest in TSS/CD -
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CENTRAL INTELLIGENCE AGENCY
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1 DIRECTOR OF TRAINING	WDR	11 May
2 C/OS/TK	12 May	
3 DC/OS	12 May	
4		
5		
FROM	INITIALS	DATE
1 Assist. to the Director	FMC	10 May
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3		

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